

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091420\
 Data File : VD066680.D
 Acq On : 14 Sep 2020 20:09
 Operator : VA/SY
 Sample : VD0914SBL02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBL02

Quant Time: Sep 15 02:49:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	310261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	587420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	538323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	229969	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	245176	65.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.62%	
35) Dibromofluoromethane	7.91	113	216787	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	
50) Toluene-d8	10.34	98	728936	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.63	95	240836	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	

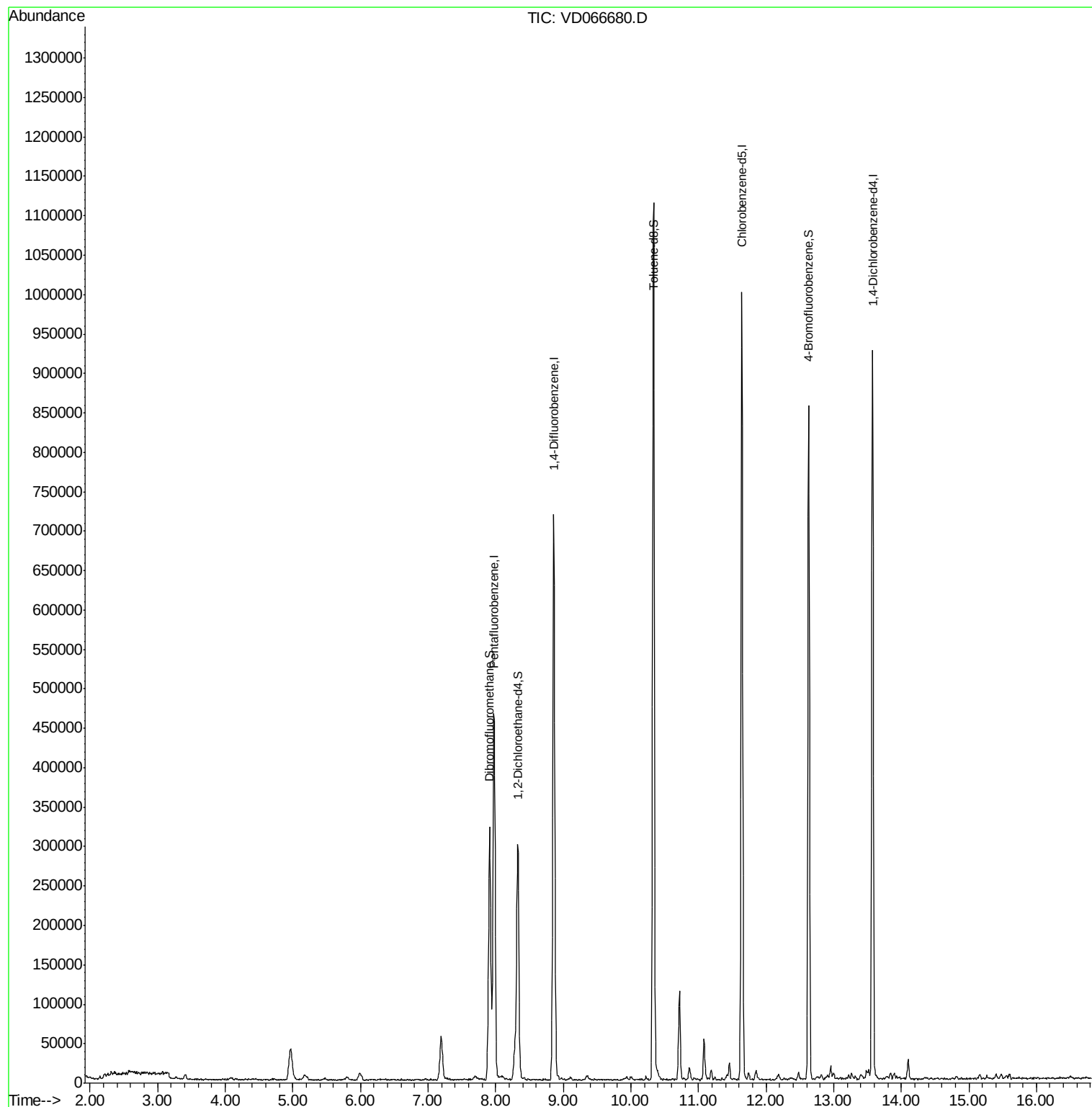
Target Compounds	Qvalue

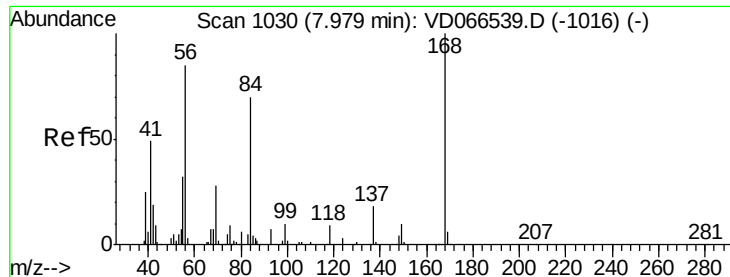
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066680.D

Acq: 14 Sep 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

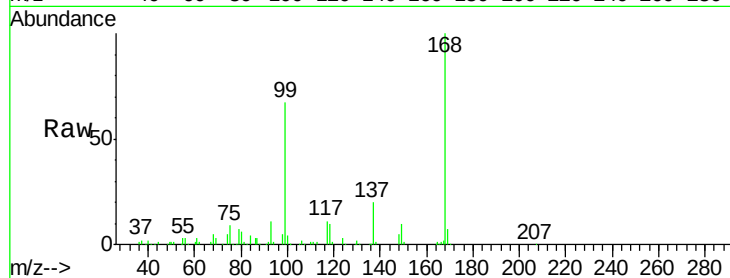
VD0914SBL02

Tot Ion:168 Resp: 310261

Ion Ratio Lower Upper

168 100

99 67.2 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

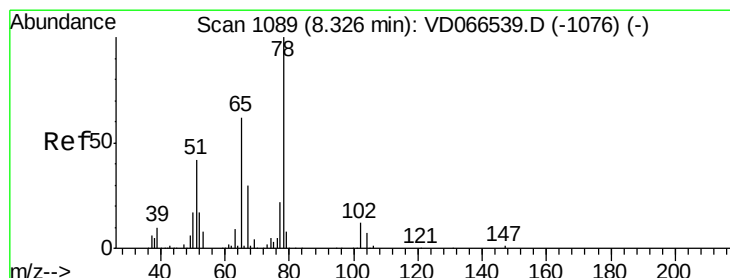
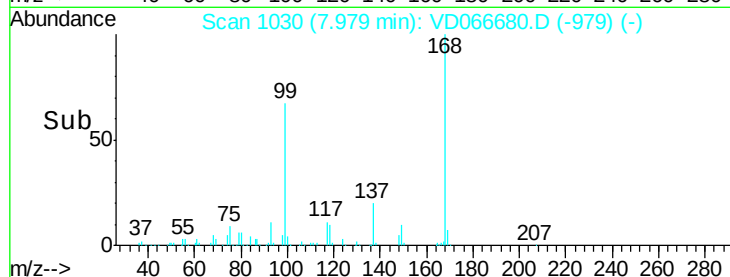
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 65.313 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066680.D

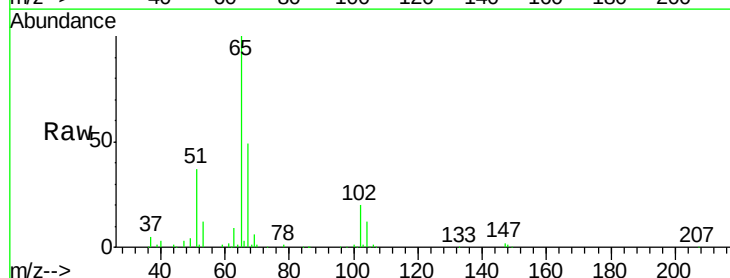
Acq: 14 Sep 2020 20:09

Tgt Ion: 65 Resp: 245176

Ion Ratio Lower Upper

65 100

67 49.4 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

120000

100000

80000

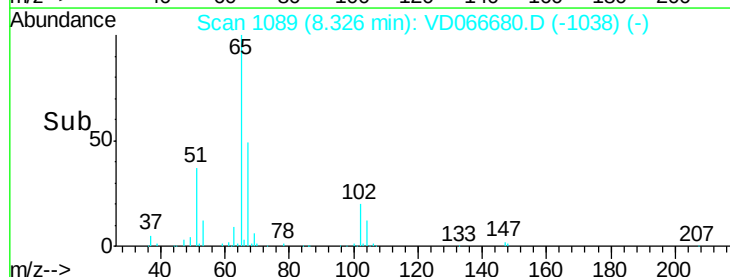
60000

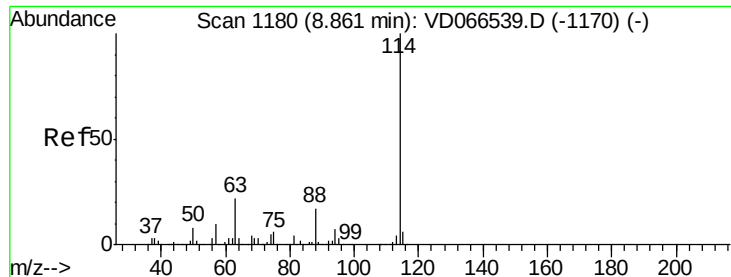
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066680.D

Acq: 14 Sep 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBL02

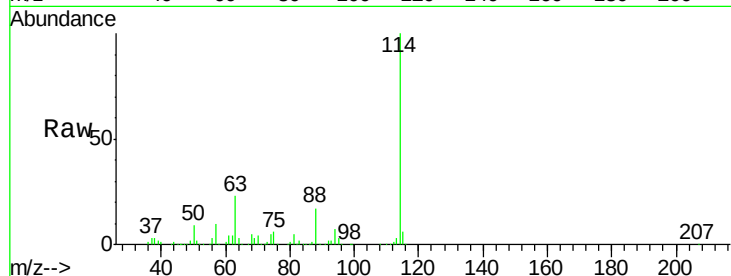
Tot Ion:114 Resp: 587420

Ion Ratio Lower Upper

114 100

63 22.9 0.0 43.2

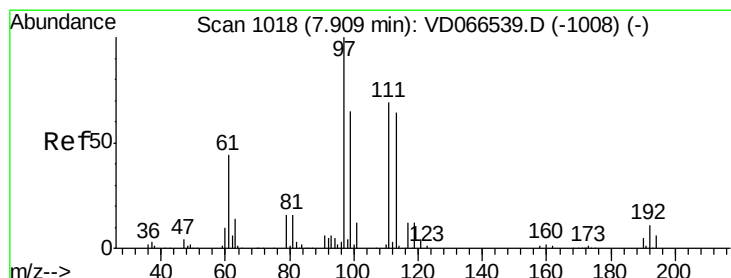
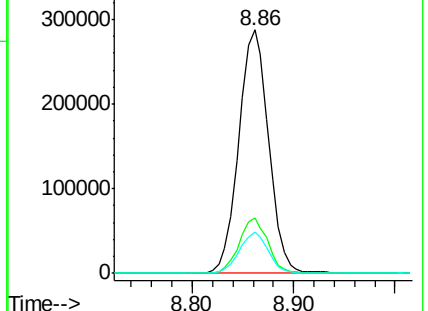
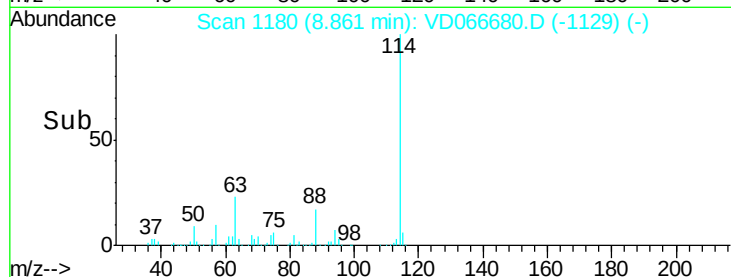
88 17.0 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 54.706 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066680.D

Acq: 14 Sep 2020 20:09

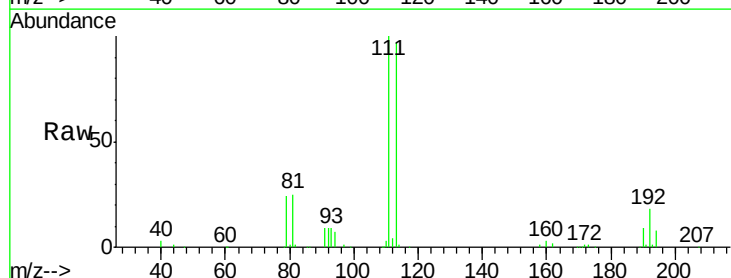
Tgt Ion:113 Resp: 216787

Ion Ratio Lower Upper

113 100

111 105.0 83.2 124.8

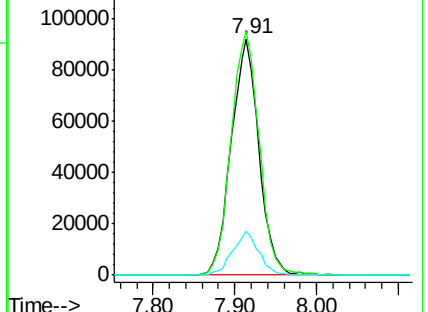
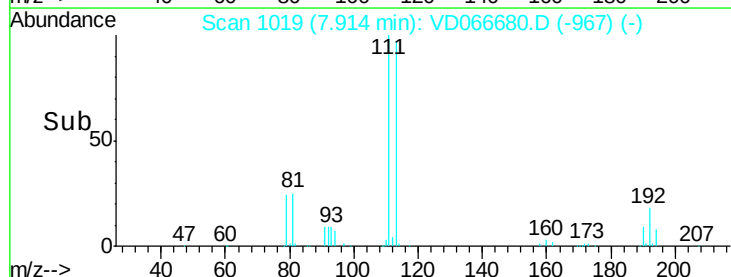
192 17.5 13.7 20.5

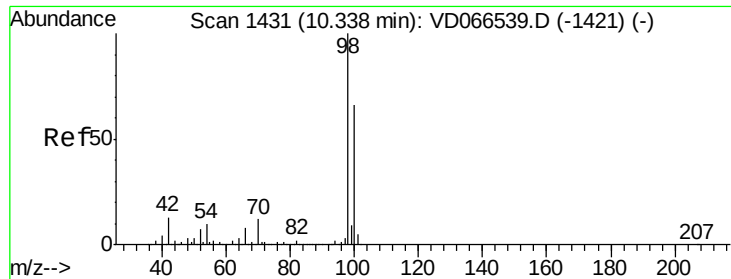


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.466 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066680.D

Acq: 14 Sep 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

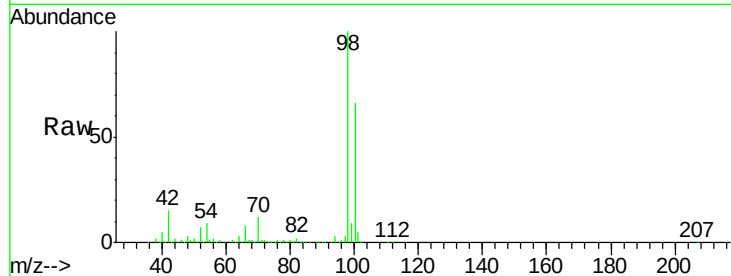
VD0914SBL02

Tot Ion: 98 Resp: 728936

Ion Ratio Lower Upper

98 100

100 65.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VD066539.D (-1421) (-)

Ion 100.00 (99.70 to 100.70): VD066539.D (-1421) (-)

10.34

400000

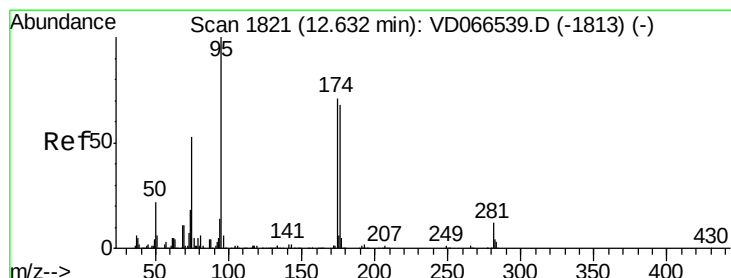
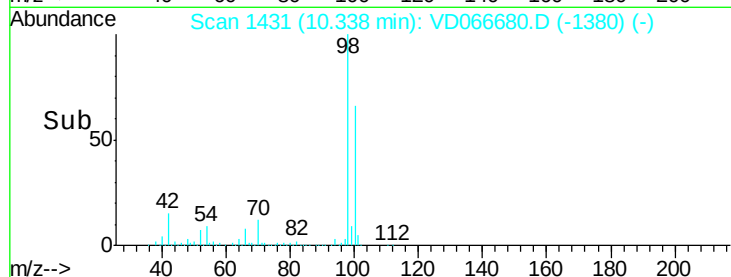
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 51.280 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066680.D

Acq: 14 Sep 2020 20:09

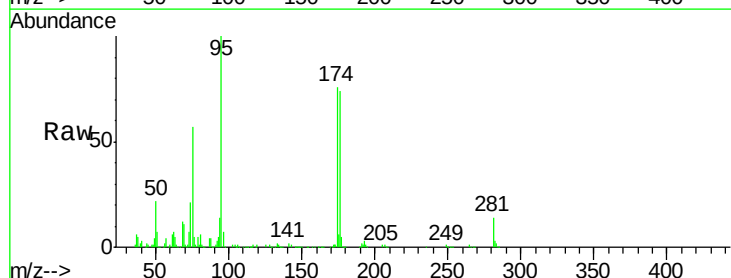
Tgt Ion: 95 Resp: 240836

Ion Ratio Lower Upper

95 100

174 76.9 0.0 155.8

176 74.2 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): VD066539.D (-1813) (-)

Ion 173.80 (173.50 to 174.50): VD066539.D (-1813) (-)

Ion 175.80 (175.50 to 176.50): VD066539.D (-1813) (-)

12.63

200000

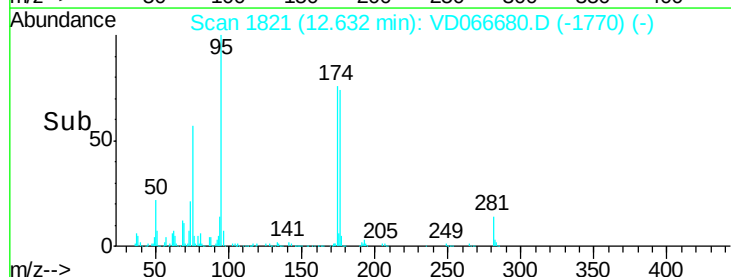
150000

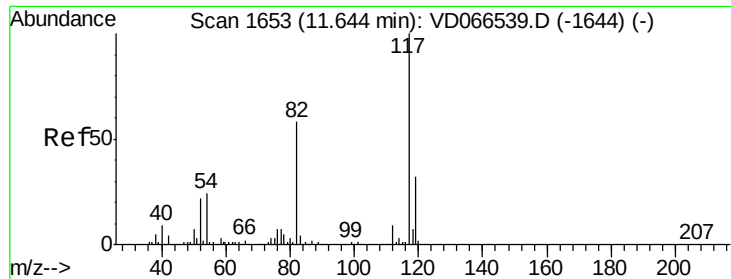
100000

50000

0

Time--> 12.55 12.60 12.65 12.70

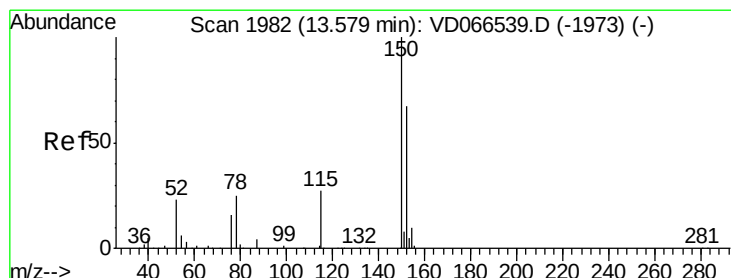
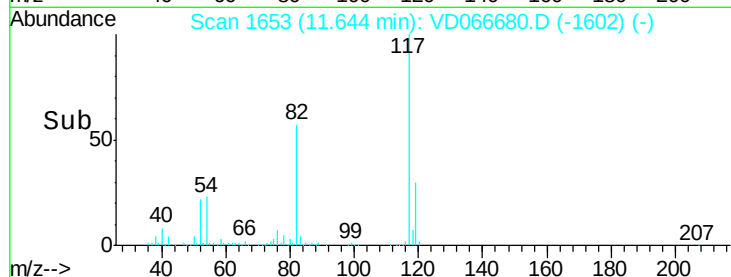
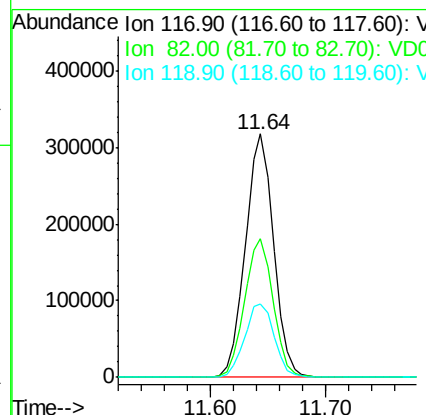
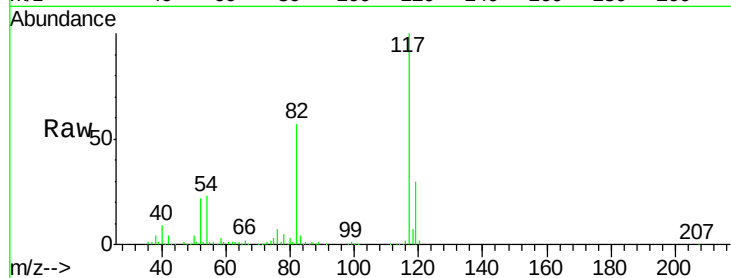




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066680.D
Acq: 14 Sep 2020 20:09

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBL02

Tot Ion:117 Resp: 538323
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.2
119 30.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066680.D
Acq: 14 Sep 2020 20:09

Tgt Ion:152 Resp: 229969
Ion Ratio Lower Upper
152 100
115 63.5 30.4 91.2
150 154.9 0.0 345.8

